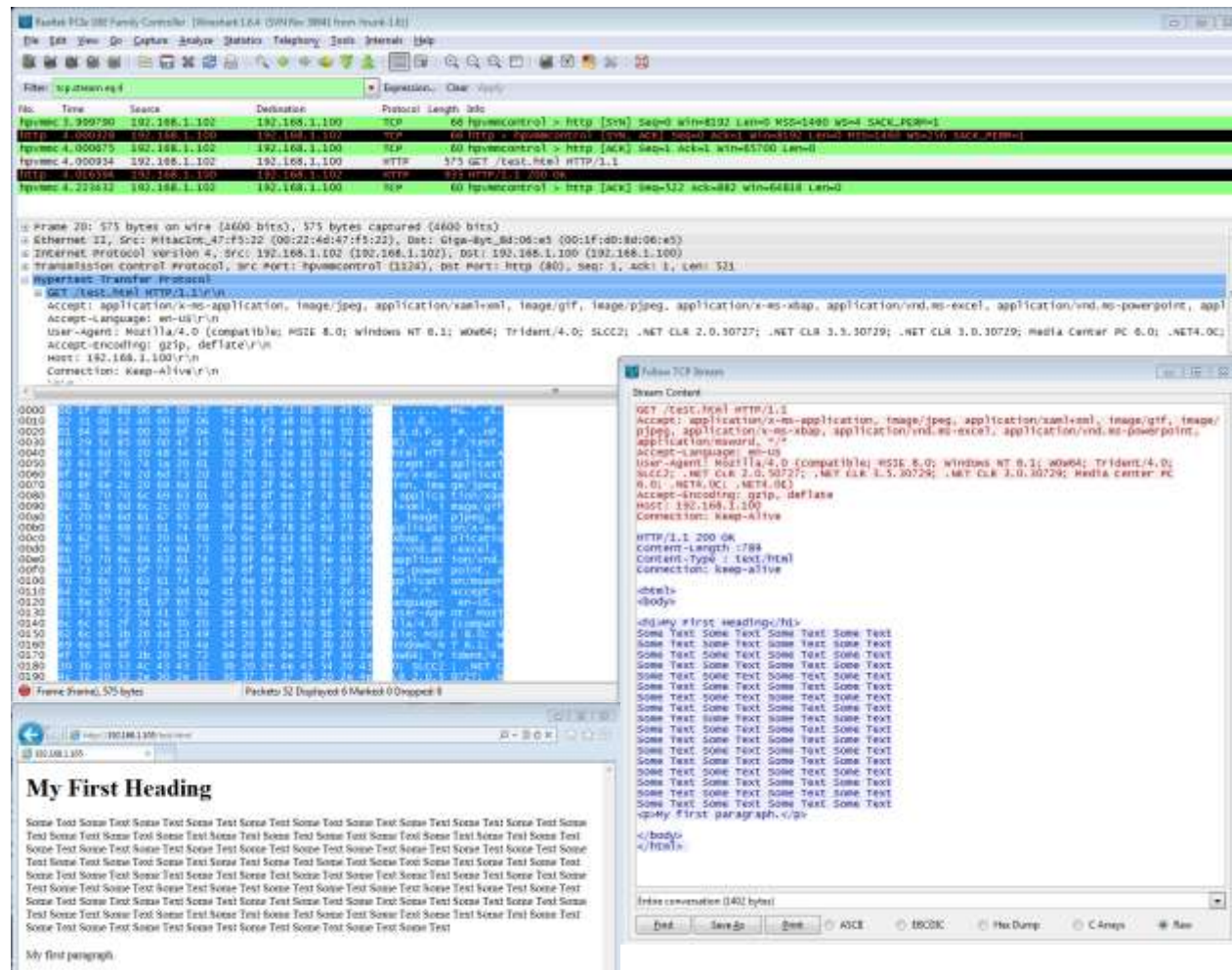


GET .1

- נבדק ע"י דפדפן Explorer.



2. PUT

- נבדק עם תוכנת לקוח שנכתבה במיוחד לבדיקה התוכנת לקוח שולחת בקשת PUT בעלת "גוף" אותו השרת כותב לתוך קובץ כפי שמוגדר בבקשה.

Wireshark packet capture showing an HTTP PUT request and response. The packet list shows a SYN, ACK, and then the PUT request and 200 OK response. The packet details pane shows the request method, URI, and version. The packet bytes pane shows the raw data. A 'Follow TCP Stream' window is open, showing the stream content in ASCII and hex dump views.

Packet List:

No.	Time	Source	Destination	Protocol	Length	Info
111	8.253662	192.168.1.102	192.168.1.100	TCP	62	111 > http [SYN] Seq=0 win=8192 Len=0 MSS=1460 SACK_PERM=1
112	8.253704	192.168.1.100	192.168.1.102	TCP	62	http > 111 [SYN, ACK] Seq=0 Ack=1 win=8192 Len=0 MSS=1460 SACK_PERM=1
111	8.254056	192.168.1.102	192.168.1.100	TCP	60	111 > http [ACK] Seq=1 Ack=1 win=64240 Len=0
111	11.160177	192.168.1.102	192.168.1.100	HTTP	201	PUT /filetowrite.txt HTTP/1.1 continuation or non-HTTP traffic
112	11.166637	192.168.1.100	192.168.1.102	HTTP	125	HTTP/1.1 200 OK

Packet Details:

- Frame 38: 201 bytes on wire (1608 bits), 201 bytes captured (1608 bits)
- Ethernet II, Src: MitacInt_47:F5:22 (00:22:4d:47:f5:22), Dst: Giga-Byt_8d:06:e5 (00:1f:d0:8d:06:e5)
- Internet Protocol Version 4, Src: 192.168.1.102 (192.168.1.102), Dst: 192.168.1.100 (192.168.1.100)
- Transmission Control Protocol, Src Port: 111 (1611), Dst Port: http (80), Seq: 1, Ack: 1, Len: 147
- Hypertext Transfer Protocol
 - PUT /filetowrite.txt HTTP/1.1\r\n
 - [Expert Info (chat/sequence): PUT /filetowrite.txt HTTP/1.1\r\n]
 - Request Method: PUT
 - Request URI: /filetowrite.txt
 - Request Version: HTTP/1.1
 - HOST: TEST\r\n
 - Content-Type: 5\r\n
 - Connection: keep-alive\r\n
 - \r\n
 - [Full request URI: http://TEST/filetowrite.txt]
- Hypertext Transfer Protocol
 - Data (61 bytes)
 - Data: 2d3e536fd65206461746120746f207726974653a0d0a2e...

Follow TCP Stream:

Stream Content

```

PUT /filetowrite.txt HTTP/1.1
HOST: TEST
Content-Type: 5
Connection: keep-alive

->Some data to write:
...File Data info...
-End of data-
HTTP/1.1 200 OK
Content-Type: text/html
Connection: keep-alive
  
```

Entire conversation (218 bytes)

Find Save As Print ASCII EBCDIC Hex Dump C Arrays Raw

Help Filter Out This Stream Close

3. DELETE

- נבדק עם תוכנת לקוח שנכתבה במיוחד לבדיקה התוכנת לקוח שולחת בקשת DELETE עבור קובץ אשר קיים והשרת בתגובה מוחק את הקובץ.

The image shows a Wireshark packet capture of an HTTP DELETE request. The main packet list shows a sequence of packets: a SYN packet, an ACK packet, a DELETE request, and an ACK response. The selected packet is the DELETE request (No. 11, 851222). The packet details pane shows the following information:

- Frame 11: 144 bytes on wire (1152 bits), 144 bytes captured (1152 bits)
- Ethernet II, Src: Mitacim_47:f5:22 (00:12:14:00:47:f5:22), Dst: ciga-byt_8d:06:e5 (00:1f:d0:1d:06:e5)
- Internet Protocol Version 4, Src: 192.168.1.102 (192.168.1.102), Dst: 192.168.1.100 (192.168.1.100)
- Transmission Control Protocol, Src Port: 8080, Dst Port: http (80), Seq: 1, Ack: 1, Len: 90
- Hypertext Transfer Protocol
 - DELETE /FileToDelete.txt HTTP/1.1
 - [Expert Info (Chat/Sequence): DELETE /FileToDelete.txt HTTP/1.1]
 - Request Method: DELETE
 - Request URI: /FileToDelete.txt
 - Request Version: HTTP/1.1
 - Host: TEST
 - Content-Type: 5
 - Connection: keep-alive
 - [Full request URI: http://TEST/FileToDelete.txt]

The packet bytes pane shows the raw data of the packet, and the packet hex pane shows the hexadecimal representation of the packet data.

The packet details pane also shows the following information:

- Screen Content
- DELETE /FileToDelete.txt HTTP/1.1
- Host: TEST
- Content-Type: 5
- Connection: keep-alive
- HTTP/1.1 200 OK
- Content-Type: text/html
- Connection: keep-alive

The packet bytes pane shows the raw data of the packet, and the packet hex pane shows the hexadecimal representation of the packet data.

TRACE .4

- נבדק עם תוכנת לקוח שנכתבה במיוחד לבדיקה התוכנת לקוח שולחת בקשת TRACE מהשרת ומקבלת את המידע שבבקשה בחזרה מן השרת.

The image shows a Wireshark capture of an HTTP TRACE request and response. The main window displays a list of packets, with the selected packet (No. 10) expanded to show the details of the HTTP request. The request is a TRACE method to http://www.test.com. The response is an HTTP/1.1 200 OK status, indicating that the request was received and processed correctly. A 'Follow TCP Stream' dialog is open, showing the raw data of the selected packet in a hex dump and ASCII view.

Packet List:

No.	Time	Source	Destination	Protocol	Length	Info
8	0.234867	192.168.1.102	192.168.1.100	TCP	66	taurus-wh > http [SYN] Seq=0 win=8192 Len=0 MSS=1460 WS=256 SACK_PERM=1
9	0.234942	192.168.1.100	192.168.1.102	TCP	66	http > taurus-wh [SYN, ACK] Seq=0 Ack=1 win=8192 Len=0 MSS=1460 WS=256 SACK_PERM=1
10	0.235297	192.168.1.102	192.168.1.100	TCP	60	taurus-wh > http [ACK] Seq=1 Ack=1 win=65536 Len=0
11	0.832462	192.168.1.102	192.168.1.100	HTTP	163	TRACE http://www.test.com HTTP/1.1 Continuation or non-HTTP traffic
12	10.837051	192.168.1.100	192.168.1.102	HTTP	251	HTTP/1.1 200 OK

Packet Details (No. 10):

- Frame 48: 163 bytes on wire (1304 bits), 163 bytes captured (1304 bits) on interface 0
- Ethernet II, Src: Hitachi_47:F5:22 (00:22:4d:47:F5:22), Dst: Giga-Byt_8d:06:e5 (00:1f:d0:8d:06:e5)
- Internet Protocol Version 4, Src: 192.168.1.102, Dst: 192.168.1.100
- Transmission Control Protocol, Src Port: taurus-wh (1610), Dst Port: http (80), Seq: 1, Ack: 1, Len: 109
- Hypertext Transfer Protocol
 - TRACE http://www.test.com HTTP/1.1\r\n
 - [Expert Info (chat/Sequence):] TRACE http://www.test.com HTTP/1.1\r\n
 - Request Method: TRACE
 - Request URI: http://www.test.com
 - Request Version: HTTP/1.1
 - HOST: TEST\r\n
 - Content-Type: S\r\n
 - Connection: keep-alive\r\n
 - \r\n
 - [Full request URI: http://TESThttp://www.test.com]
- Hypertext Transfer Protocol
 - Data (18 bytes)
 - Data: 2e2e2e2e4563686f20346573742e2e2e0d0a

Follow TCP Stream:

```

Stream Content
TRACE http://www.test.com HTTP/1.1
HOST: TEST
Content-Type: S
Connection: keep-alive

....Echo Test...
HTTP/1.1 200 OK
Content-Length: 109
Content-Type: text/html
Connection: keep-alive

TRACE http://www.test.com HTTP/1.1
HOST: TEST
Content-Type: S
Connection: keep-alive

....Echo Test...

```

Entire conversation (312 bytes)

Find Save As Print ASCII EBCDIC Hex Dump C Arrays Raw

Help Filter Out This Stream Close

HEAD .5

- נבדק עם תוכנת לקוח שנכתבה במיוחד לבדיקה התוכנת לקוח שולחת בקשת HEAD מהשרת ומקבלת תגובה כנדרש.

Wireshark 1.8.4 (SVN Rev. 39941 from /trunk/1.8/)

Filter: tcp.stream eq 6

No.	Time	Source	Destination	Protocol	Length	Info
1	8.367207	192.168.1.102	192.168.1.100	TCP	62	192.168.1.102 > 192.168.1.100 [SYN] Seq=0 win=8192 Len=0 MSS=1460 SACK_PERM=1
2	8.367738	192.168.1.100	192.168.1.102	TCP	62	192.168.1.100 > 192.168.1.102 [SYN, ACK] Seq=0 Ack=1 win=8192 Len=0 MSS=1460 SACK_PERM=1
3	8.368084	192.168.1.102	192.168.1.100	TCP	60	192.168.1.102 > 192.168.1.100 [ACK] Seq=1 Ack=1 win=64240 Len=0
4	13.106301	192.168.1.102	192.168.1.100	HTTP	135	HEAD /test.html HTTP/1.1
5	13.111970	192.168.1.100	192.168.1.102	HTTP	144	HTTP/1.1 200 OK
6	13.317973	192.168.1.102	192.168.1.100	TCP	60	192.168.1.102 > 192.168.1.100 [ACK] Seq=82 Ack=91 Win=64130 Len=0

Frame 54: 144 bytes on wire (1152 bits), 144 bytes captured (1152 bits) on interface 0

Ethernet II, Src: Giga-Byt_8d:06:e5 (00:1f:d0:8d:06:e5), Dst: MitacInt_47:f5:22 (00:22:4d:47:f5:22)

Internet Protocol Version 4, Src: 192.168.1.100 (192.168.1.100), Dst: 192.168.1.102 (192.168.1.102)

Transmission Control Protocol, Src Port: http (80), Dst Port: 192.168.1.102 (1609), Seq: 1, Ack: 82, Len: 90

Hypertext Transfer Protocol

HTTP/1.1 200 OK\r\n

[Expert Info (chat/Sequence)]: HTTP/1.1 200 OK\r\n

Request Version: HTTP/1.1

Status code: 200

Response phrase: OK

Data (73 bytes)

Data: 436f6e7465742d4c656e677468203a3738390d0a436f6e... [Length: 73]

0000 00 22 4d 47 f5 22 00 1f d0 8d 06 e5 08 00 45 00 .MG.E.
 0010 00 82 53 1a 40 00 80 06 00 00 c0 a8 01 64 c0 a8 ..S.O..
 0020 01 66 00 50 06 49 3f 3f 97 9f f6 71 d0 4b 30 18 .F.P.I.Q.KP.
 0030 fa f0 84 8f 00 00 48 34 54 50 2f 31 2e 31 20 32HT TP/1.1 2
 0040 30 30 20 4f 4b 0d 0a 43 6f 6e 74 65 6e 74 2d 4c 00 OK..C ontent-L
 0050 65 6e 67 74 68 20 3a 37 38 39 0d 0a 43 6f 6e 74 length :7 89..cont
 0060 65 6e 74 2d 54 79 70 65 20 3a 20 74 65 78 74 2f ent-type : text/
 0070 68 74 6d 6c 0d 0a 43 6f 6e 6e 65 63 74 69 6f 6e html..Co nnection
 0080 3a 20 6b 65 65 70 2d 61 6c 69 76 65 0d 0a 0d 0a : keep-a live....

Follow TCP Stream

Stream Content

HEAD /test.html HTTP/1.1
 HOST: TEST
 Content-Type: 5
 Connection: keep-alive

HTTP/1.1 200 OK
 Content-Length: 789
 Content-Type: text/html
 Connection: keep-alive

Entire conversation (171 bytes)

End Save As Print ASCII EBCDIC Hex Dump C Arrays Raw

Filter Out This Stream Close